

News

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PRODUCTIVITY AND COSTS BY INDUSTRY, 2000

Labor productivity—defined as output per hour—rose in 2000 in more than three-fourths of the 170 industries studied by the Bureau of Labor Statistics, U.S. Department of Labor. Output rose in 71 percent of the industries, while hours rose in 44 percent.

The share of industries with productivity increases during the 1990-2000 period was even greater. From 1990 to 2000, labor productivity increased in 92 percent of the industries. Output rose in 85 percent of the industries, while hours rose in only 46 percent.

The industry productivity series in this release are based on the Standard Industrial Classification (SIC) system. Beginning with the next annual update in 2003, which will incorporate 2001 data, the industry series will be based on the North American Industry Classification System (NAICS). In addition, the base year for all index series will be shifted to 1997.

The attached tables present data for industries for which BLS publishes productivity series. Although the analysis that follows focuses on industries at the 3-digit level of the Standard Industrial Classification (SIC) Manual, BLS also publishes productivity series at the more detailed 4-digit level for many industries. Data for additional industries are available upon request. These include the remainder of the 3-digit SIC industries in the manufacturing and retail trade sectors. (See technical note for more information.) Also included in this news release are productivity and related data for some 2-digit SIC major groups in the mining sector, for personal services, and for all 2-digit major groups in retail trade, as well as measures for the retail trade sector as a whole. An article discussing the retail trade measures through 1999 was published in the December 2001 issue of the *Monthly Labor Review*.

1999-2000 change

Most of the industries for which BLS publishes data at the 3-digit level recorded labor productivity gains in 2000, with output per hour increasing in 85 of the 119 manufacturing industries. (See table 1.) More than two-thirds of the gains in manufacturing were greater than 2.5 percent. Four of the five largest manufacturing industries, those with more than 500,000 employees, recorded growth in output per hour. Labor productivity rose 3.2 percent in miscellaneous plastics products, n.e.c. (SIC 308), 35.5 percent in electronic components and accessories (SIC 367), 3.2 percent in commercial printing (SIC 275), and 1.0 percent in meat products (SIC 201). Unit labor costs, the ratio of total compensation to output, fell in 40 of the 119 industries in the manufacturing sector. (See table 2.) Among the 85 manufacturing industries with increasing productivity, 36 also registered decreasing unit labor costs.

Labor productivity rose in 26 of the 28 published 3-digit retail trade industries in 2000. The increases ranged from 0.7 percent to 19.3 percent. Output per hour rose in the three largest industries, all of which have 2,000,000 employees or more. Productivity grew 3.1 percent in eating and drinking places (SIC 581), 0.8 percent in grocery stores (SIC 541), and 9.9 percent in department stores (SIC 531). Among the 26 retail trade industries with increasing productivity, 16 also experienced decreasing unit labor costs. Reflecting the growth among the individual retail trade industries, productivity in the retail trade sector as a whole (SIC 52-59) rose 4.1 percent, with output growing 5.3 percent and hours increasing 1.2 percent. Unit labor costs increased 0.9 percent in the retail sector.

In 2000, gains in output per hour were posted in seven of the nine industries in finance and services for which BLS publishes data at the 3-digit level. The largest industry in terms of employment was hotels and motels (SIC 701), where productivity increased 3.8 percent. Unit labor costs declined in three of the nine finance and services industries. In the personal services industry group (SIC 72), labor productivity increased 1.6 percent. Output grew 3.5 percent and hours rose 1.9 percent. Unit labor costs in personal services increased by 2.2 percent.

In 2000, productivity rose in three of the four transportation industries and in all of the communications and utilities industries. The largest productivity gains were 7.3 percent in railroads (SIC 4011), 8.0 percent in telephone communications (SIC 481), and 9.1 percent in gas utilities (SIC 492,3 (PT)). Unit labor costs fell in a third of the industries in the transportation, communications, and utilities sectors.

Productivity increased in four of the five 3-digit mining industries in 2000. Unit labor costs fell 21.4 percent in copper ores (SIC 102), 14.1 percent in gold and silver ores (SIC 104), and 3.8 percent in bituminous coal and lignite mining (SIC 122).

Long-term trends

From 1990 to 2000, a very large proportion of all the industries posted productivity gains. (See table 1.) This was true for the manufacturing sector where output per hour increased in 111 of the 119 industries. Productivity advanced an average of 5.0 percent per year or more in 11 manufacturing industries; another 47 experienced annual productivity growth in the 2.5-4.9 percent range. Unit labor costs fell in 29 of the 119 industries in the manufacturing sector. In 28 of these 29 industries, labor productivity increased.

Output per hour increased in most of the retail trade industries between 1990 and 2000. Labor productivity advanced 5.0 percent per year or more in 9 of the 3-digit retail industries, and 11 registered annual growth rates in output per hour in the 2.5-4.9 percent range. Unit labor costs declined in 12 of the 28 retail trade industries. Productivity in the overall retail sector grew 2.4 percent per year during the 1990-2000 period. Output increased 3.9 percent per year, while hours rose 1.4 percent. Unit labor costs grew 1.2 percent per year for the retail sector as a whole.

From 1990 to 2000, all but 1 of the 9 industries in the finance and services sectors registered long-term labor productivity growth, with growth rates ranging from 0.3 percent to 2.9 percent. Unit labor costs rose in every industry in finance and services except barber shops (SIC 724). In barber shops, unit labor costs dipped an average of 0.2 percent per year.

Eight of the nine industries in the transportation, communications, and utilities sectors posted gains in labor productivity during the 1990-2000 period. Output per hour grew an average of 5.0 percent or more per year in two industries. Unit labor costs increased in most of the industries. Railroad transportation (SIC 4011) and telephone communications (SIC 481) were the exceptions. Unit labor costs fell 2.0 percent per year and 0.8 percent per year, respectively, in these two industries.

From 1990 to 2000, four of the five mining industries posted productivity gains. The two industries with the fastest growth in labor productivity also reduced unit labor costs. In gold and silver ores (SIC 104), output per hour rose 7.0 percent per year and unit labor costs fell 1.7 percent per year. In bituminous coal and lignite mining (SIC 122), productivity increased 5.7 percent per year and unit labor costs decreased 2.8 percent per year.

Productivity growth rates accelerate

As the economic expansion of the 1990's progressed, productivity growth rates accelerated in the overall business sector. Comparing the 1995-2000 period with the 1990-95 period, productivity growth rates increased in 97 of the 170 published industries. (See table 3.) In 19 industries, annual output per hour grew at least 5.0 percentage points faster in 1995-2000 than in 1990-95. Another 33 industries posted annual productivity

growth rates 2.0-4.9 percentage points above their 1990-95 rates. All of the 21 industries that experienced productivity declines in the earlier period registered improved performance in the latter period, with decreases becoming increases in 16 of the industries. The number of industries reducing unit labor costs also rose as the economic expansion continued. (See table 4.) The proportion of industries with falling unit labor costs increased from 31 percent in the 1990-95 period to 35 percent in the 1995-2000 period.

The acceleration in productivity growth was particularly evident in the retail trade sector. By the latter half of the decade, all industries in this sector were experiencing rising labor productivity. In 22 of the 28 retail trade industries, growth rates were higher in the 1995-2000 period than in the 1990-95 period. The number of retail trade industries with declining unit labor costs showed little change between the periods. Reflecting the pattern for individual industries, the retail sector as a whole exhibited stronger productivity gains in the latter part of the decade—output per hour grew 1.6 percent per year in the 1990-95 period and 3.2 percent per year in the 1995-2000 period. Unit labor costs, however, rose in both periods—1.3 percent per year in 1990-95 and 1.1 percent per year in 1995-2000.

Technical Note

Revisions

The data in this news release reflect revisions to series as published in table 46 of the *Monthly Labor Review* and in the news releases *Productivity and Costs: Manufacturing Industries, 1990-99* (released May 15, 2001) and *Productivity and Costs: Service-Producing and Mining Industries, 1990-99* (released June 6, 2001). Indexes of productivity by industry have been revised for the years 1978 to 1999 for many of the retail trade and services industries included in this news release. These revisions are due to revisions in the research series Consumer Price Index (CPI-U-RS) used to develop deflators for most service-producing industries. In addition, multifactor productivity measures have been revised to incorporate the revisions made to the measures for 1999 and, in some cases, earlier years. The revised series can be obtained in several ways: by visiting the Labor Productivity and Costs web site (<http://www.bls.gov/lpc/home.htm>); by visiting the Multifactor Productivity web site (<http://www.bls.gov/mfp/home.htm>); by calling the Division of Industry Productivity Studies (202-691-5618); or by sending a request by e-mail (dipsweb@bls.gov).

Industry output indexes are prepared from basic data published by various public and private agencies, using the greatest level of detail available. Data from the Bureau of the Census, U.S. Department of Commerce, are used extensively in developing output statistics for manufacturing, trade, and service-producing industries. Data for manufacturing and personal services industries from the 1997 Economic Censuses and 1998, 1999, and 2000 Annual Surveys were published primarily on the basis of the new North American Industry Classification System (NAICS); earlier data and retail trade data for all years were published according to the Standard Industrial Classification (SIC)

system. In order to update the productivity series for this news release, BLS converted the NAICS-based data to an SIC basis. All of the measures for 2000 in this news release are preliminary and subject to revision.

Productivity measurement

The industry productivity measures describe the relationship between output and the labor time involved in its production. They show the changes from period to period in the amount of goods and services produced per hour. Although these measures relate output to hours of employees or all persons engaged in an industry, they do not measure the specific contribution of labor, capital, or any other factor of production. Rather, they reflect the joint effects of many influences, including changes in technology; capital investment; level of output; utilization of capacity, energy, and materials; the organization of production; managerial skill; and the characteristics and effort of the workforce.

Year-to-year movements in productivity measures for some industries might be somewhat erratic, particularly in the smaller industries. The annual changes in an industry's productivity are based on sample data, which are likely to differ from data generated by a census of establishments in the industry. As a result, long-term trends tend to be more reliable indicators of the performance of an industry than are the year-to-year changes.

Unit labor cost measurement

The unit labor cost series in this release describe the cost of labor input required to produce one unit of output. Unit labor costs are calculated as the ratio of current dollar labor compensation to constant dollar output. The indexes of unit labor costs for each industry are computed by dividing an index of current dollar compensation by an index of constant dollar output.

Compensation is a measure of the cost to the employer of securing the services of labor. It is defined as payroll plus supplemental payments. Payroll includes salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind. Supplemental payments are divided into legally required expenditures and payments for voluntary programs. The legally required expenditures include employers' contributions to Social Security, unemployment insurance taxes, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation, such as the employer portion of private health insurance and pension plans.

The indexes of industry output used in measuring labor productivity and unit labor costs are, wherever possible, calculated with a Tornqvist formula. This formula aggregates the growth rates of the various industry products between two periods using the products' shares in industry value of production, averaged over the two periods, as weights.

Published productivity and unit labor cost data for 2-, 3-, and 4-digit SIC industries are available on the Internet at <http://www.bls.gov/lpc.htm>. Productivity series for additional industries have been withheld from publication because they do not meet BLS publication standards. Unpublished data can be requested by phoning 202-691-5618 or by sending e-mail to dipsweb@bls.gov.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; TDD message referral phone number: 1-800-877-8339.

Table 1. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000

SIC code	Industry	2000	Annual percent change, 1990-2000			Annual percent change, 1999-2000		
		Employment ¹ (thousands)	Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Mining							
102	Copper ores	11	1.8	-1.1	-2.8	11.4	-10.0	-19.2
104	Gold and silver ores	12	7.0	1.5	-5.1	21.5	4.7	-13.8
12	Coal mining	77	5.7	-0.7	-6.1	5.9	-3.6	-9.0
122	Bituminous coal and lignite mining	72	5.7	-0.7	-6.1	6.2	-3.6	-9.3
13	Oil and gas extraction	311	2.0	-0.7	-2.7	-4.3	0.2	4.7
131	Crude petroleum and natural gas	125	3.9	-0.7	-4.5	6.0	0.2	-5.4
14	Nonmetallic minerals, except fuels	114	0.2	0.6	0.5	-4.8	-3.3	1.6
142	Crushed and broken stone	45	0.0	1.4	1.4	-3.0	-1.1	1.9
	Manufacturing							
201	Meat products	504	0.6	2.7	2.1	1.0	0.7	-0.3
202	Dairy products	146	0.6	0.2	-0.4	0.8	1.6	0.8
203	Preserved fruits and vegetables	220	2.6	1.6	-1.0	2.6	1.2	-1.4
204	Grain mill products	124	1.9	1.7	-0.2	-1.4	-1.1	0.3
205	Bakery products	204	1.5	1.2	-0.3	1.2	0.8	-0.4
206	Sugar and confectionery products	92	2.4	1.9	-0.5	2.8	4.2	1.4
207	Fats and oils	28	2.5	0.8	-1.7	-1.9	-6.6	-4.7
208	Beverages	187	0.9	1.5	0.6	-0.9	1.1	2.0
209	Miscellaneous food and kindred products	180	1.6	1.2	-0.4	2.1	1.7	-0.5
211	Cigarettes	23	2.1	-1.2	-3.3	1.1	1.5	0.4
221	Broadwoven fabric mills, cotton	62	3.1	-0.4	-3.4	0.6	-5.4	-6.0
222	Broadwoven fabric mills, manmade	55	4.2	0.8	-3.2	-4.5	-9.2	-4.9
224	Narrow fabric mills	20	2.0	0.2	-1.7	-6.2	-6.0	0.3
225	Knitting mills	126	3.8	-1.1	-4.7	6.1	-5.4	-10.8
226	Textile finishing, except wool	58	1.5	0.9	-0.7	3.0	-2.6	-5.4
227	Carpets and rugs	66	1.0	1.9	0.9	7.3	8.9	1.5
228	Yarn and thread mills	81	3.5	1.6	-1.8	-1.4	-2.7	-1.3
229	Miscellaneous textile goods	54	2.1	2.6	0.4	5.0	1.9	-3.0
232	Men's and boys' furnishings	131	7.0	-0.4	-6.9	4.9	-9.2	-13.5
233	Women's and misses' outerwear	185	6.2	0.7	-5.1	9.2	0.2	-8.3
234	Women's and children's undergarments	21	13.2	0.8	-11.0	19.6	-8.7	-23.7
235	Hats, caps, and millinery	15	1.7	1.1	-0.6	6.8	5.9	-0.8
238	Miscellaneous apparel and accessories	30	2.1	-2.0	-4.0	5.2	3.4	-1.7
239	Miscellaneous fabricated textile products	215	2.9	3.6	0.7	2.8	1.6	-1.2
242	Sawmills and planing mills	185	2.2	1.7	-0.5	-0.8	-0.6	0.3
243	Millwork, plywood, and structural members	335	-0.7	2.3	3.0	2.6	5.7	3.0
244	Wood containers	59	-0.6	2.2	2.9	0.7	3.1	2.4
245	Wood buildings and mobile homes	91	-0.9	2.8	3.6	-5.7	-18.9	-14.1
249	Miscellaneous wood products	83	3.1	3.0	-0.2	4.1	1.2	-2.8
251	Household furniture	293	2.1	2.4	0.4	-0.4	0.9	1.3
252	Office furniture	79	1.6	3.6	1.9	2.2	6.2	4.0
253	Public building and related furniture	59	5.4	11.3	5.7	-9.2	3.8	14.3
254	Partitions and fixtures	91	3.3	5.0	1.6	4.8	3.7	-1.0

See footnotes at end of table.

Table 1. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change, 1999-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Manufacturing—Continued							
259	Miscellaneous furniture and fixtures	43	0.7	2.1	1.4	-7.2	-5.7	1.6
261	Pulp mills	13	-3.9	-4.4	-0.6	-7.1	-1.4	6.1
262	Paper mills	139	2.7	-0.1	-2.8	5.8	-1.3	-6.7
263	Paperboard mills	47	3.0	1.2	-1.7	0.3	-4.4	-4.7
265	Paperboard containers and boxes	218	1.1	1.6	0.5	0.9	-0.7	-1.5
267	Miscellaneous converted paper products	240	2.4	2.2	-0.2	1.9	-0.8	-2.6
271	Newspapers	442	-0.3	-0.9	-0.6	2.7	3.0	0.3
272	Periodicals	149	1.6	3.0	1.4	-1.2	2.3	3.6
273	Books	126	0.9	1.5	0.6	0.0	1.5	1.5
274	Miscellaneous publishing	95	3.3	4.6	1.2	0.5	3.3	2.7
275	Commercial printing	560	1.5	1.7	0.2	3.2	2.3	-0.9
276	Manifold business forms	43	-2.9	-4.7	-1.8	-1.7	-8.3	-6.7
277	Greeting cards	25	0.4	-0.1	-0.6	-3.9	-7.0	-3.3
278	Blankbooks and bookbinding	60	2.4	0.8	-1.5	1.9	-1.4	-3.2
279	Printing trade services	47	1.9	-1.1	-2.9	-1.6	-5.2	-3.7
281	Industrial inorganic chemicals	72	2.8	-0.3	-3.0	-4.9	-6.5	-1.8
282	Plastics materials and synthetics	154	4.1	2.5	-1.6	1.6	0.0	-1.6
283	Drugs	315	0.2	3.3	3.0	0.6	6.9	6.3
284	Soaps, cleaners, and toilet goods	155	1.9	1.5	-0.4	8.7	4.1	-4.2
285	Paints and allied products	52	1.6	0.0	-1.5	1.6	-0.5	-2.0
286	Industrial organic chemicals	120	2.3	-0.3	-2.6	6.0	0.2	-5.5
287	Agricultural chemicals	51	0.7	-0.4	-1.0	7.0	-2.0	-8.5
289	Miscellaneous chemical products	93	2.6	2.1	-0.5	1.9	2.9	1.0
291	Petroleum refining	85	5.1	1.4	-3.6	5.9	1.7	-4.0
295	Asphalt paving and roofing materials	28	2.6	2.4	-0.1	2.2	-2.5	-4.6
299	Miscellaneous petroleum and coal products	15	-1.3	0.8	2.1	-4.2	-2.3	1.9
301	Tires and inner tubes	79	3.5	3.2	-0.3	2.6	4.1	1.5
305	Hose and belting and gaskets and packing	74	1.8	3.9	2.0	4.3	3.7	-0.6
306	Fabricated rubber products, n.e.c.	108	2.9	3.3	0.4	5.7	3.1	-2.4
308	Miscellaneous plastics products, n.e.c.	744	3.2	5.1	1.8	3.2	2.9	-0.3
314	Footwear, except rubber	28	3.8	-5.4	-8.8	10.3	-1.7	-10.9
321	Flat glass	16	5.2	4.0	-1.1	8.5	4.6	-3.6
322	Glass and glassware, pressed or blown	67	2.6	0.6	-2.0	-2.5	1.0	3.6
323	Products of purchased glass	66	4.0	5.2	1.2	5.4	4.4	-0.9
324	Cement, hydraulic	18	2.0	2.4	0.4	-1.2	2.2	3.5
325	Structural clay products	34	1.3	0.5	-0.8	1.1	0.3	-0.7
326	Pottery and related products	38	2.1	2.5	0.4	-0.7	0.5	1.1
327	Concrete, gypsum, and plaster products	248	0.3	2.5	2.2	-5.4	-2.0	3.7
329	Miscellaneous nonmetallic mineral products	72	2.0	1.3	-0.6	2.5	-1.8	-4.2
331	Blast furnace and basic steel products	225	3.9	2.2	-1.5	2.9	3.3	0.4
332	Iron and steel foundries	123	2.2	2.1	-0.1	2.4	-0.2	-2.6
333	Primary nonferrous metals	36	0.9	-1.4	-2.3	-5.0	-7.4	-2.6
335	Nonferrous rolling and drawing	176	2.4	2.9	0.4	-2.8	1.2	4.1

See footnotes at end of table.

Table 1. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change, 1999-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Manufacturing—Continued							
336	Nonferrous foundries (castings)	94	2.2	4.0	1.7	0.0	0.0	0.0
339	Miscellaneous primary metal products	28	3.1	3.7	0.6	3.6	5.3	1.6
341	Metal cans and shipping containers	36	3.1	0.2	-2.8	1.0	1.6	0.6
342	Cutlery, handtools, and hardware	121	2.6	2.0	-0.6	2.9	1.1	-1.7
343	Plumbing and heating, except electric	60	2.6	2.8	0.2	5.2	4.7	-0.5
344	Fabricated structural metal products	498	1.3	3.3	1.9	0.0	4.3	4.3
346	Metal forgings and stampings	255	3.1	4.9	1.7	1.2	1.5	0.3
347	Metal services, n.e.c.	146	2.6	4.7	2.0	7.6	7.3	-0.2
348	Ordnance and accessories, n.e.c.	38	1.2	-5.4	-6.5	2.0	-5.7	-7.5
349	Miscellaneous fabricated metal products	277	1.1	2.9	1.7	-0.2	2.9	3.0
351	Engines and turbines	85	4.4	4.0	-0.4	8.6	3.1	-5.0
352	Farm and garden machinery	96	1.8	0.6	-1.2	8.6	6.6	-1.8
353	Construction and related machinery	240	2.7	3.3	0.6	4.6	3.4	-1.2
354	Metalworking machinery	330	2.5	2.4	-0.1	5.5	1.9	-3.4
355	Special industry machinery	172	4.8	5.7	0.8	24.3	27.3	2.4
356	General industrial machinery	251	1.6	1.7	0.2	5.0	3.7	-1.2
357	Computer and office equipment	361	31.7	29.1	-2.0	16.6	13.8	-2.5
358	Refrigeration and service machinery	212	1.7	4.0	2.3	-1.4	-0.3	1.1
359	Industrial machinery, n.e.c.	373	2.8	4.6	1.7	4.4	7.8	3.2
361	Electric distribution equipment	85	3.9	2.6	-1.3	4.3	7.8	3.3
362	Electrical industrial apparatus	150	3.8	2.6	-1.2	-0.9	-0.4	0.4
363	Household appliances	116	4.4	3.6	-0.7	8.6	4.5	-3.7
364	Electric lighting and wiring equipment	183	3.0	3.0	-0.1	1.8	1.3	-0.5
366	Communications equipment	290	13.7	14.7	0.8	20.7	31.2	8.7
367	Electronic components and accessories	682	26.9	29.1	1.8	35.5	44.1	6.3
369	Miscellaneous electrical equipment & supplies	146	5.6	4.2	-1.3	6.0	2.9	-3.0
371	Motor vehicles and equipment	1013	2.2	4.8	2.6	-7.1	-8.5	-1.6
372	Aircraft and parts	465	2.9	-1.2	-4.0	-4.3	-9.7	-5.7
373	Ship and boat building and repairing	166	1.6	0.1	-1.5	7.5	3.6	-3.7
374	Railroad equipment	36	4.5	5.4	0.8	2.7	-2.9	-5.4
375	Motorcycles, bicycles, and parts	20	2.4	7.1	4.5	-2.4	2.0	4.6
376	Guided missiles, space vehicles, parts	73	-0.3	-9.2	-8.9	-27.4	-39.2	-16.3
381	Search and navigation equipment	154	3.8	-2.5	-6.0	9.4	2.1	-6.6
382	Measuring and controlling devices	302	4.1	3.4	-0.6	3.9	7.4	3.3
384	Medical instruments and supplies	288	3.6	5.3	1.6	4.1	5.1	1.0
385	Ophthalmic goods	33	7.5	5.5	-1.9	6.4	5.5	-0.8
386	Photographic equipment & supplies	70	4.6	1.1	-3.4	5.5	0.8	-4.4
391	Jewelry, silverware, and plated ware	49	3.9	3.1	-0.8	7.9	3.1	-4.5
393	Musical instruments	17	0.8	3.7	2.9	8.4	9.4	1.0
394	Toys and sporting goods	104	2.7	2.7	0.1	10.9	11.9	0.9
395	Pens, pencils, office, and art supplies	31	0.6	-0.8	-1.3	1.3	-1.0	-2.3
396	Costume jewelry and notions	19	3.3	-2.8	-5.9	11.1	4.6	-5.8
399	Miscellaneous manufactures	175	0.8	3.0	2.2	0.9	0.9	0.1

See footnotes at end of table.

Table 1. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change, 1999-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Transportation							
4011	Railroad transportation	194	5.1	2.7	-2.4	7.3	2.4	-4.6
4213	Trucking, except local	917	1.7	3.6	1.9	-0.3	1.4	1.7
43	United States Postal Service ⁴	860	0.9	1.9	1.0	2.4	2.2	-0.2
4512,13, 22(PTS)	Air transportation	740	1.8	4.4	2.6	1.5	5.6	4.0
	Communications and Utilities							
481	Telephone communications	1134	5.9	8.3	2.3	8.0	12.8	4.4
483	Radio and television broadcasting	255	0.5	1.7	1.2	1.4	3.9	2.5
484	Cable and other pay television services	216	-0.6	5.5	6.1	3.1	9.0	5.8
491,3(PT)	Electric utilities	471	4.4	1.9	-2.4	4.7	2.3	-2.3
492,3(PT)	Gas utilities	166	4.3	2.0	-2.2	9.1	4.8	-4.0
	Retail Trade							
	Retail trade	24507	2.4	3.9	1.4	4.1	5.3	1.2
52	Building materials, hardware, garden supply, and mobile homes	1050	3.7	5.9	2.2	-0.6	1.7	2.3
521	Lumber and other building materials dealers	642	3.3	7.0	3.6	0.8	4.7	3.9
523	Paint, glass, and wallpaper stores	70	4.8	3.8	-0.9	3.1	3.5	0.4
525	Hardware stores	178	2.4	1.9	-0.4	-1.3	-1.1	0.2
526	Retail nurseries, lawn and garden supply stores	112	6.2	6.7	0.4	2.7	5.4	2.6
53	General merchandise stores	2843	5.3	6.6	1.3	9.5	8.7	-0.7
531	Department stores	2491	5.2	7.0	1.7	9.9	8.9	-0.9
533	Variety stores	160	7.9	6.6	-1.2	5.1	14.2	8.7
539	Miscellaneous general merchandise stores	193	6.6	5.0	-1.5	12.4	7.0	-4.8
54	Food stores	3639	-0.2	0.5	0.7	1.3	2.3	1.0
541	Grocery stores	3179	-0.1	0.5	0.5	0.8	2.1	1.4
542	Meat and fish (seafood) markets	57	1.1	0.5	-0.5	12.9	8.8	-3.6
546	Retail bakeries	214	-0.3	1.4	1.7	6.3	5.3	-0.9
55	Automotive dealers and gasoline service stations	2508	1.9	2.8	0.9	0.5	3.3	2.7
551	New and used car dealers	1114	0.5	2.3	1.8	0.7	4.3	3.5
553	Auto and home supply stores	428	1.4	2.9	1.5	3.3	3.4	0.1
554	Gasoline service stations	671	3.0	1.9	-1.1	-1.9	-2.6	-0.6
56	Apparel and accessory stores	1243	5.5	4.9	-0.5	6.6	6.9	0.3
561	Men's and boys' wear stores	86	3.6	1.0	-2.5	6.8	4.0	-2.7
562	Women's clothing stores	293	6.8	2.7	-3.8	8.1	9.2	1.0
565	Family clothing stores	456	4.1	7.8	3.6	2.9	6.4	3.4
566	Shoe stores	204	4.0	2.3	-1.7	4.8	2.2	-2.5
57	Furniture, home furnishings, and equipment stores	1239	7.0	9.3	2.2	10.2	12.1	1.7
571	Furniture and homefurnishings stores	649	3.0	4.5	1.5	4.8	8.0	3.0
572	Household appliance stores	79	7.2	4.8	-2.2	12.3	9.7	-2.3
573	Radio, television, computer, and music stores	510	11.5	16.3	4.2	16.3	16.9	0.6

See footnotes at end of table.

Table 1. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change, 1999-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Retail Trade—Continued							
58	Eating and drinking places ⁵	8338	0.3	2.4	2.2	3.1	4.9	1.7
59	Miscellaneous merchandise stores	3647	4.3	5.7	1.4	8.2	8.4	0.2
591	Drug and proprietary stores	685	2.6	3.5	0.9	5.5	5.7	0.3
592	Liquor stores	139	1.9	0.6	-1.3	11.5	4.1	-6.7
593	Used merchandise stores	209	7.7	11.9	3.9	18.3	17.2	-0.9
594	Miscellaneous shopping goods stores	1254	3.4	5.1	1.7	4.8	7.3	2.4
596	Nonstore retailers	576	9.0	11.3	2.1	19.3	16.1	-2.7
598	Fuel dealers	98	3.3	1.5	-1.7	1.8	-1.8	-3.5
599	Retail stores, n.e.c.	686	3.9	5.5	1.5	3.5	4.5	1.0
	Finance and Services							
602	Commercial banks	1430	2.9	2.0	-0.9	5.4	3.1	-2.2
701	Hotels and motels	1874	1.7	3.3	1.6	3.8	8.6	4.6
72	Personal services	1847	1.2	2.2	1.0	1.6	3.5	1.9
721	Laundry, cleaning, and garment services	518	1.9	1.8	-0.1	2.2	0.9	-1.3
722	Photographic studios, portrait	86	1.3	3.5	2.1	4.0	4.0	0.0
723	Beauty shops	759	1.6	2.9	1.3	1.0	5.8	4.7
724	Barber shops	62	2.6	0.4	-2.1	-2.2	1.3	3.5
726	Funeral services and crematories	107	0.3	0.4	0.1	-6.2	-3.5	2.9
753	Automotive repair shops	917	1.8	3.0	1.2	1.7	2.2	0.5
783	Motion picture theaters	139	-0.5	1.7	2.2	3.3	3.1	-0.2

¹ Employment figures are based primarily on data from the BLS Current Employment Statistics (CES) program and the Current Population Survey (CPS). Other sources are: the Association of American Railroads, the Department of Transportation, and the U.S. Postal Service.

² Output per employee hour is measured in mining, manufacturing, transportation, communications, and SICs 531, 551, 602, and 783. Output per hour of all persons is used for all other trade and services industries. All persons include self-employed and unpaid family workers as well as employees. In SICs 4213 and 4512,13,22(pts), output per employee hour is based on output per employee with the assumption of constant average weekly hours.

³ Employee hours are measured in mining, manufacturing, transportation, communications, and SICs 531, 551, 602, and 783. Hours of all persons are used for all other trade and services industries. All persons includes self-employed and unpaid family workers as well as employees. In SICs 4213 and 4512,13,22(pts), employee hours are based on employees with the assumption of constant average weekly hours.

⁴ The United States Postal Service, SIC 43, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 431, and the four-digit SIC Industry Number, SIC 4311. Employee hours in SIC 43 are based on the number of full-time equivalent (FTE) employee years, as reported in the U.S. Postal Service budget. FTE employee years are computed by dividing total hours of full-time, part-time, and intermittent workers by the number of hours in a standard work year. The output and hours for SIC 43 reflect the Federal fiscal year.

⁵ Eating and drinking places, SIC 58, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 581.

Table 2. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000

SIC code	Industry	2000	Annual percent change, 1990-2000			Annual percent change 1999-2000		
		Employment ¹ (thousands)	Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Mining							
102	Copper ores	11	0.3	-1.1	1.5	-29.3	-10.0	-21.4
104	Gold and silver ores	12	-0.2	1.5	-1.7	-10.1	4.7	-14.1
12	Coal mining	77	-3.8	-0.7	-3.1	-6.6	-3.6	-3.1
122	Bituminous coal and lignite mining	72	-3.5	-0.7	-2.8	-7.3	-3.6	-3.8
13	Oil and gas extraction	311	3.7	-0.7	4.5	13.2	0.2	13.0
131	Crude petroleum and natural gas	125	2.6	-0.7	3.4	7.6	0.2	7.4
14	Nonmetallic minerals, except fuels	114	3.7	0.6	3.0	1.9	-3.3	5.4
142	Crushed and broken stone	45	4.7	1.4	3.3	3.3	-1.1	4.4
	Manufacturing							
201	Meat products	504	5.1	2.7	2.3	2.6	0.7	1.9
202	Dairy products	146	2.7	0.2	2.5	5.0	1.6	3.4
203	Preserved fruits and vegetables	220	2.7	1.6	1.1	2.3	1.2	1.2
204	Grain mill products	124	2.6	1.7	0.9	2.8	-1.1	4.0
205	Bakery products	204	3.8	1.2	2.6	3.0	0.8	2.2
206	Sugar and confectionery products	92	2.5	1.9	0.6	3.4	4.2	-0.8
207	Fats and oils	28	1.9	0.8	1.1	-1.5	-6.6	5.4
208	Beverages	187	2.8	1.5	1.2	7.2	1.1	6.1
209	Miscellaneous food and kindred products	180	3.0	1.2	1.8	3.8	1.7	2.0
211	Cigarettes	23	-0.4	-1.2	0.9	0.1	1.5	-1.3
221	Broadwoven fabric mills, cotton	62	-0.9	-0.4	-0.5	-4.2	-5.4	1.3
222	Broadwoven fabric mills, manmade	55	0.6	0.8	-0.3	-4.2	-9.2	5.5
224	Narrow fabric mills	20	3.3	0.2	3.1	5.4	-6.0	12.1
225	Knitting mills	126	-0.9	-1.1	0.2	-4.9	-5.4	0.4
226	Textile finishing, except wool	58	2.5	0.9	1.7	-2.2	-2.6	0.4
227	Carpets and rugs	66	2.7	1.9	0.8	3.3	8.9	-5.1
228	Yarn and thread mills	81	0.7	1.6	-0.9	-0.6	-2.7	2.1
229	Miscellaneous textile goods	54	4.1	2.6	1.5	5.2	1.9	3.3
232	Men's and boys' furnishings	131	-2.6	-0.4	-2.2	-12.8	-9.2	-3.9
233	Women's and misses' outerwear	185	-2.1	0.7	-2.8	-5.0	0.2	-5.2
234	Women's and children's undergarments	21	-6.3	0.8	-7.0	-10.5	-8.7	-1.9
235	Hats, caps, and millinery	15	3.2	1.1	2.0	0.2	5.9	-5.4
238	Miscellaneous apparel and accessories	30	-1.3	-2.0	0.7	2.8	3.4	-0.6
239	Miscellaneous fabricated textile products	215	5.2	3.6	1.6	1.2	1.6	-0.4
242	Sawmills and planing mills	185	3.5	1.7	1.8	1.8	-0.6	2.3
243	Millwork, plywood, and structural members	335	5.5	2.3	3.1	6.0	5.7	0.3
244	Wood containers	59	5.6	2.2	3.3	5.7	3.1	2.5
245	Wood buildings and mobile homes	91	7.1	2.8	4.3	-10.2	-18.9	10.8
249	Miscellaneous wood products	83	4.0	3.0	1.0	1.4	1.2	0.2
251	Household furniture	293	3.6	2.4	1.1	2.3	0.9	1.4
252	Office furniture	79	3.6	3.6	0.0	5.3	6.2	-0.9
253	Public building and related furniture	59	9.4	11.3	-1.7	0.1	3.8	-3.5
254	Partitions and fixtures	91	6.8	5.0	1.8	5.9	3.7	2.1

See footnotes at end of table.

Table 2. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change 1999-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Manufacturing—Continued							
259	Miscellaneous furniture and fixtures	43	4.3	2.1	2.2	1.9	-5.7	8.1
261	Pulp mills	13	-4.6	-4.4	-0.2	6.2	-1.4	7.8
262	Paper mills	139	0.5	-0.1	0.6	-3.4	-1.3	-2.1
263	Paperboard mills	47	3.0	1.2	1.7	0.7	-4.4	5.3
265	Paperboard containers and boxes	218	3.8	1.6	2.2	2.0	-0.7	2.7
267	Miscellaneous converted paper products	240	3.5	2.2	1.3	0.5	-0.8	1.4
271	Newspapers	442	2.6	-0.9	3.5	4.9	3.0	1.9
272	Periodicals	149	8.3	3.0	5.1	15.1	2.3	12.4
273	Books	126	4.8	1.5	3.2	3.8	1.5	2.3
274	Miscellaneous publishing	95	8.3	4.6	3.6	11.2	3.3	7.7
275	Commercial printing	560	3.6	1.7	1.9	3.2	2.3	0.9
276	Manifold business forms	43	-0.9	-4.7	4.0	0.0	-8.3	9.1
277	Greeting cards	25	0.0	-0.1	0.1	1.2	-7.0	8.8
278	Blankbooks and bookbinding	60	1.7	0.8	0.9	1.7	-1.4	3.2
279	Printing trade services	47	-0.4	-1.1	0.7	-1.1	-5.2	4.3
281	Industrial inorganic chemicals	72	0.5	-0.3	0.8	-0.3	-6.5	6.7
282	Plastics materials and synthetics	154	1.6	2.5	-0.9	-2.1	0.0	-2.1
283	Drugs	315	5.9	3.3	2.6	5.2	6.9	-1.6
284	Soaps, cleaners, and toilet goods	155	2.1	1.5	0.6	3.1	4.1	-0.9
285	Paints and allied products	52	3.1	0.0	3.1	3.6	-0.5	4.1
286	Industrial organic chemicals	120	2.8	-0.3	3.0	2.4	0.2	2.2
287	Agricultural chemicals	51	1.4	-0.4	1.8	1.2	-2.0	3.3
289	Miscellaneous chemical products	93	3.2	2.1	1.1	3.3	2.9	0.3
291	Petroleum refining	85	2.3	1.4	0.9	-0.2	1.7	-1.9
295	Asphalt paving and roofing materials	28	2.1	2.4	-0.3	-1.9	-2.5	0.6
299	Miscellaneous petroleum and coal products	15	2.6	0.8	1.9	2.0	-2.3	4.4
301	Tires and inner tubes	79	3.2	3.2	0.0	5.1	4.1	0.9
305	Hose and belting and gaskets and packing	74	5.0	3.9	1.1	5.2	3.7	1.4
306	Fabricated rubber products, n.e.c.	108	3.8	3.3	0.5	3.7	3.1	0.5
308	Miscellaneous plastics products, n.e.c.	744	5.5	5.1	0.4	4.3	2.9	1.4
314	Footwear, except rubber	28	-4.8	-5.4	0.6	-10.5	-1.7	-9.0
321	Flat glass	16	0.7	4.0	-3.2	-1.5	4.6	-5.8
322	Glass and glassware, pressed or blown	67	0.9	0.6	0.3	3.4	1.0	2.4
323	Products of purchased glass	66	5.5	5.2	0.3	6.4	4.4	1.9
324	Cement, hydraulic	18	3.4	2.4	1.0	2.6	2.2	0.5
325	Structural clay products	34	1.6	0.5	1.1	3.1	0.3	2.8
326	Pottery and related products	38	2.7	2.5	0.2	0.2	0.5	-0.2
327	Concrete, gypsum, and plaster products	248	5.1	2.5	2.5	4.0	-2.0	6.1
329	Miscellaneous nonmetallic mineral products	72	2.7	1.3	1.4	1.5	-1.8	3.3
331	Blast furnace and basic steel products	225	0.9	2.2	-1.3	4.1	3.3	0.8
332	Iron and steel foundries	123	2.4	2.1	0.3	0.9	-0.2	1.1
333	Primary nonferrous metals	36	-0.9	-1.4	0.5	-6.8	-7.4	0.7
335	Nonferrous rolling and drawing	176	3.1	2.9	0.2	3.5	1.2	2.3

See footnotes at end of table.

Table 2. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change 1999-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Manufacturing—Continued							
336	Nonferrous foundries (castings)	94	4.0	4.0	0.0	0.5	0.0	0.5
339	Miscellaneous primary metal products	28	3.2	3.7	-0.5	3.8	5.3	-1.4
341	Metal cans and shipping containers	36	-1.3	0.2	-1.5	-2.7	1.6	-4.2
342	Cutlery, handtools, and hardware	121	2.7	2.0	0.7	2.6	1.1	1.5
343	Plumbing and heating, except electric	60	4.3	2.8	1.5	6.0	4.7	1.2
344	Fabricated structural metal products	498	4.4	3.3	1.1	3.8	4.3	-0.4
346	Metal forgings and stampings	255	3.6	4.9	-1.2	4.6	1.5	3.0
347	Metal services, n.e.c.	146	4.9	4.7	0.3	5.2	7.3	-2.0
348	Ordnance and accessories, n.e.c.	38	-5.4	-5.4	-0.1	-0.3	-5.7	5.7
349	Miscellaneous fabricated metal products	277	4.1	2.9	1.2	3.9	2.9	1.0
351	Engines and turbines	85	1.6	4.0	-2.3	-0.1	3.1	-3.1
352	Farm and garden machinery	96	2.4	0.6	1.8	1.3	6.6	-4.9
353	Construction and related machinery	240	3.3	3.3	0.0	2.1	3.4	-1.3
354	Metalworking machinery	330	3.5	2.4	1.0	2.3	1.9	0.4
355	Special industry machinery	172	4.9	5.7	-0.7	10.3	27.3	-13.3
356	General industrial machinery	251	3.2	1.7	1.4	2.2	3.7	-1.5
357	Computer and office equipment	361	0.7	29.1	-22.0	-4.0	13.8	-15.6
358	Refrigeration and service machinery	212	4.2	4.0	0.2	1.4	-0.3	1.7
359	Industrial machinery, n.e.c.	373	4.8	4.6	0.2	6.0	7.8	-1.7
361	Electric distribution equipment	85	2.7	2.6	0.1	3.8	7.8	-3.7
362	Electrical industrial apparatus	150	2.7	2.6	0.0	-1.0	-0.4	-0.6
363	Household appliances	116	3.7	3.6	0.1	5.2	4.5	0.7
364	Electric lighting and wiring equipment	183	2.8	3.0	-0.1	1.8	1.3	0.5
366	Communications equipment	290	6.3	14.7	-7.3	16.0	31.2	-11.5
367	Electronic components and accessories	682	5.8	29.1	-18.1	11.0	44.1	-22.9
369	Miscellaneous electrical equipment & supplies	146	2.6	4.2	-1.5	4.3	2.9	1.4
371	Motor vehicles and equipment	1013	4.8	4.8	-0.1	1.7	-8.5	11.1
372	Aircraft and parts	465	-1.0	-1.2	0.2	-2.6	-9.7	7.8
373	Ship and boat building and repairing	166	0.7	0.1	0.6	5.8	3.6	2.1
374	Railroad equipment	36	4.3	5.4	-1.0	0.7	-2.9	3.8
375	Motorcycles, bicycles, and parts	20	12.2	7.1	4.8	8.8	2.0	6.6
376	Guided missiles, space vehicles, parts	73	-7.6	-9.2	1.8	-20.1	-39.2	31.4
381	Search and navigation equipment	154	-2.2	-2.5	0.2	5.7	2.1	3.5
382	Measuring and controlling devices	302	2.9	3.4	-0.5	4.4	7.4	-2.8
384	Medical instruments and supplies	288	5.7	5.3	0.4	3.5	5.1	-1.6
385	Ophthalmic goods	33	3.3	5.5	-2.0	1.8	5.5	-3.5
386	Photographic equipment & supplies	70	-1.1	1.1	-2.2	-4.8	0.8	-5.6
391	Jewelry, silverware, and plated ware	49	2.7	3.1	-0.3	5.9	3.1	2.7
393	Musical instruments	17	6.7	3.7	2.9	10.5	9.4	1.0
394	Toys and sporting goods	104	3.7	2.7	0.9	10.9	11.9	-0.9
395	Pens, pencils, office, and art supplies	31	1.4	-0.8	2.2	1.0	-1.0	2.1
396	Costume jewelry and notions	19	0.0	-2.8	3.0	2.9	4.6	-1.7
399	Miscellaneous manufactures	175	4.3	3.0	1.3	2.2	0.9	1.2

See footnotes at end of table.

Table 2. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change 1999-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Transportation							
4011	Railroad transportation	194	0.6	2.7	-2.0	-1.4	2.4	-3.7
4213	Trucking, except local	917	5.0	3.6	1.4	4.5	1.4	3.0
43	United States Postal Service ²	860	4.1	1.9	2.1	4.6	2.2	2.4
4512,13, 22(PTS)	Air transportation	740	5.2	4.4	0.8	8.8	5.6	3.1
	Communications and Utilities							
481	Telephone communications	1134	7.5	8.3	-0.8	10.4	12.8	-2.1
483	Radio and television broadcasting	255	5.6	1.7	3.9	10.7	3.9	6.5
484	Cable and other pay television services	216	12.1	5.5	6.2	8.8	9.0	-0.1
491,3(PT)	Electric utilities	471	2.6	1.9	0.7	7.8	2.3	5.4
492,3(PT)	Gas utilities	166	3.1	2.0	1.1	7.8	4.8	2.9
	Retail Trade							
	Retail trade	24507	5.1	3.9	1.2	6.2	5.3	0.9
52	Building materials, hardware, garden supply, and mobile homes	1050	6.0	5.9	0.0	5.9	1.7	4.1
521	Lumber and other building materials dealers	642	7.3	7.0	0.3	8.3	4.7	3.4
523	Paint, glass, and wallpaper stores	70	2.6	3.8	-1.2	3.3	3.5	-0.2
525	Hardware stores	178	3.4	1.9	1.4	5.1	-1.1	6.3
526	Retail nurseries, lawn and garden supply stores	112	3.9	6.7	-2.5	4.8	5.4	-0.5
53	General merchandise stores	2843	4.6	6.6	-1.9	8.4	8.7	-0.3
531	Department stores	2491	5.1	7.0	-1.8	8.2	8.9	-0.6
533	Variety stores	160	0.8	6.6	-5.5	14.4	14.2	0.2
539	Miscellaneous general merchandise stores	193	1.5	5.0	-3.3	7.8	7.0	0.8
54	Food stores	3639	3.4	0.5	2.9	3.6	2.3	1.2
541	Grocery stores	3179	3.3	0.5	2.8	3.8	2.1	1.6
542	Meat and fish (seafood) markets	57	1.1	0.5	0.6	-0.8	8.8	-8.8
546	Retail bakeries	214	5.2	1.4	3.7	2.7	5.3	-2.5
55	Automotive dealers and gasoline service stations	2508	5.3	2.8	2.4	5.7	3.3	2.3
551	New and used car dealers	1114	6.1	2.3	3.7	6.1	4.3	1.7
553	Auto and home supply stores	428	4.4	2.9	1.4	2.3	3.4	-1.1
554	Gasoline service stations	671	2.3	1.9	0.4	0.3	-2.6	3.0
56	Apparel and accessory stores	1243	3.6	4.9	-1.2	6.6	6.9	-0.3
561	Men's and boys' wear stores	86	0.6	1.0	-0.4	2.8	4.0	-1.2
562	Women's clothing stores	293	0.6	2.7	-2.1	7.4	9.2	-1.7
565	Family clothing stores	456	7.9	7.8	0.1	11.5	6.4	4.8
566	Shoe stores	204	2.5	2.3	0.2	3.6	2.2	1.4
57	Furniture, home furnishings, and equipment stores	1239	6.6	9.3	-2.5	8.4	12.1	-3.3
571	Furniture and homefurnishings stores	649	5.2	4.5	0.7	6.9	8.0	-1.1
572	Household appliance stores	79	0.1	4.8	-4.5	-0.9	9.7	-9.7
573	Radio, television, computer, and music stores	510	9.8	16.3	-5.6	11.3	16.9	-4.8

See footnotes at end of table.

Table 2. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-2000 and 1999-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-2000			Annual percent change 1999-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Retail Trade—Continued							
58	Eating and drinking places ³	8338	5.8	2.4	3.3	6.5	4.9	1.6
59	Miscellaneous merchandise stores	3647	5.7	5.7	-0.1	6.3	8.4	-1.9
591	Drug and proprietary stores	685	5.5	3.5	1.9	7.1	5.7	1.3
592	Liquor stores	139	2.7	0.6	2.1	-2.1	4.1	-5.9
593	Used merchandise stores	209	7.5	11.9	-4.0	3.7	17.2	-11.5
594	Miscellaneous shopping goods stores	1254	5.3	5.1	0.2	6.7	7.3	-0.6
596	Nonstore retailers	576	8.6	11.3	-2.4	10.9	16.1	-4.5
598	Fuel dealers	98	1.9	1.5	0.4	2.9	-1.8	4.7
599	Retail stores, n.e.c.	686	4.9	5.5	-0.6	2.8	4.5	-1.6
	Finance and Services							
602	Commercial banks	1430	5.5	2.0	3.5	3.6	3.1	0.5
701	Hotels and motels	1874	5.7	3.3	2.3	8.4	8.6	-0.2
72	Personal services	1847	4.8	2.2	2.6	5.9	3.5	2.2
721	Laundry, cleaning, and garment services	518	3.5	1.8	1.6	4.1	0.9	3.1
722	Photographic studios, portrait	86	4.8	3.5	1.2	5.6	4.0	1.6
723	Beauty shops	759	5.8	2.9	2.8	10.6	5.8	4.5
724	Barber shops	62	0.3	0.4	-0.2	1.0	1.3	-0.2
726	Funeral services and crematories	107	4.1	0.4	3.7	2.7	-3.5	6.4
753	Automotive repair shops	917	4.7	3.0	1.7	5.9	2.2	3.7
783	Motion picture theaters	139	3.8	1.7	2.1	-3.1	3.1	-6.0

¹ Employment figures are based primarily on data from the BLS Current Employment Statistics (CES) program and the Current Population Survey (CPS). Other sources are: the Association of American Railroads, the Department of Transportation, and the U.S. Postal Service.

² The United States Postal Service, SIC 43, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 431, and the four-digit SIC Industry Number, SIC 4311.

³ Eating and drinking places, SIC 58, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 581.

Table 3. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change, 1995-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Mining							
102	Copper ores	11	2.7	2.9	0.2	0.9	-4.9	-5.7
104	Gold and silver ores	12	3.3	1.0	-2.3	10.7	2.1	-7.8
12	Coal mining	77	5.6	-0.9	-6.2	5.9	-0.4	-6.0
122	Bituminous coal and lignite mining	72	5.6	-1.0	-6.2	5.8	-0.4	-5.9
13	Oil and gas extraction	311	3.4	-0.7	-4.0	0.6	-0.8	-1.4
131	Crude petroleum and natural gas	125	4.3	-0.7	-4.8	3.6	-0.8	-4.2
14	Nonmetallic minerals, except fuels	114	0.6	0.1	-0.5	-0.2	1.2	1.4
142	Crushed and broken stone	45	0.6	0.8	0.2	-0.7	2.0	2.7
	Manufacturing							
201	Meat products	504	1.1	3.6	2.6	0.1	1.8	1.7
202	Dairy products	146	1.7	1.0	-0.6	-0.5	-0.6	-0.1
203	Preserved fruits and vegetables	220	2.7	2.3	-0.3	2.5	0.9	-1.6
204	Grain mill products	124	1.8	2.1	0.3	2.0	1.4	-0.6
205	Bakery products	204	1.0	0.9	-0.1	2.0	1.4	-0.6
206	Sugar and confectionery products	92	1.0	1.0	0.1	3.8	2.8	-1.0
207	Fats and oils	28	0.4	0.4	0.1	4.7	1.2	-3.4
208	Beverages	187	2.7	1.8	-0.8	-0.7	1.3	2.0
209	Miscellaneous food and kindred products	180	0.7	0.9	0.2	2.5	1.4	-1.0
211	Cigarettes	23	4.8	1.0	-3.6	-0.5	-3.4	-2.9
221	Broadwoven fabric mills, cotton	62	5.4	3.2	-2.1	0.9	-3.9	-4.8
222	Broadwoven fabric mills, manmade	55	5.5	3.5	-1.9	2.9	-1.7	-4.5
224	Narrow fabric mills	20	4.3	3.2	-1.0	-0.3	-2.6	-2.3
225	Knitting mills	126	5.2	4.6	-0.6	2.4	-6.5	-8.7
226	Textile finishing, except wool	58	-1.2	1.8	3.0	4.4	0.0	-4.2
227	Carpets and rugs	66	0.6	1.2	0.6	1.4	2.7	1.2
228	Yarn and thread mills	81	4.5	3.3	-1.2	2.5	0.0	-2.4
229	Miscellaneous textile goods	54	2.5	3.2	0.6	1.7	1.9	0.3
232	Men's and boys' furnishings	131	3.9	2.2	-1.6	10.2	-3.0	-12.0
233	Women's and misses' outerwear	185	5.4	2.5	-2.8	7.0	-1.0	-7.4
234	Women's and children's undergarments	21	9.6	3.8	-5.2	16.9	-2.2	-16.4
235	Hats, caps, and millinery	15	-1.1	3.2	4.4	4.7	-0.8	-5.3
238	Miscellaneous apparel and accessories	30	5.2	1.0	-4.0	-1.0	-4.9	-4.0
239	Miscellaneous fabricated textile products	215	1.8	3.6	1.8	3.9	3.6	-0.4
242	Sawmills and planing mills	185	2.0	1.0	-1.0	2.5	2.4	0.0
243	Millwork, plywood, and structural members	335	-1.1	0.6	1.7	-0.3	4.0	4.3
244	Wood containers	59	-0.9	1.4	2.3	-0.3	3.1	3.4
245	Wood buildings and mobile homes	91	-1.2	5.9	7.2	-0.5	-0.3	0.2
249	Miscellaneous wood products	83	1.4	2.1	0.7	4.9	3.9	-1.0
251	Household furniture	293	2.3	1.7	-0.5	1.9	3.2	1.2
252	Office furniture	79	1.3	0.0	-1.3	1.9	7.3	5.2
253	Public building and related furniture	59	7.7	13.7	5.6	3.1	9.0	5.7
254	Partitions and fixtures	91	1.1	3.4	2.2	5.5	6.6	1.1

See footnotes at end of table.

Table 3. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change, 1995-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Manufacturing—Continued							
259	Miscellaneous furniture and fixtures	43	1.2	1.5	0.3	0.1	2.6	2.5
261	Pulp mills	13	2.5	1.1	-1.4	-9.8	-9.6	0.2
262	Paper mills	139	3.0	1.2	-1.8	2.4	-1.4	-3.7
263	Paperboard mills	47	3.5	2.9	-0.5	2.5	-0.5	-2.9
265	Paperboard containers and boxes	218	0.7	1.8	1.0	1.4	1.4	0.0
267	Miscellaneous converted paper products	240	2.2	2.4	0.1	2.5	2.0	-0.5
271	Newspapers	442	-2.7	-3.9	-1.2	2.3	2.2	0.0
272	Periodicals	149	-1.3	-1.2	0.2	4.6	7.4	2.7
273	Books	126	1.0	1.8	0.8	0.9	1.3	0.4
274	Miscellaneous publishing	95	0.6	1.2	0.6	6.2	8.1	1.8
275	Commercial printing	560	0.9	1.5	0.6	2.1	1.9	-0.1
276	Manifold business forms	43	-3.7	-5.8	-2.1	-2.0	-3.6	-1.6
277	Greeting cards	25	-1.7	-1.1	0.5	2.6	0.9	-1.7
278	Blankbooks and bookbinding	60	1.8	1.6	-0.2	3.0	0.1	-2.8
279	Printing trade services	47	3.3	0.0	-3.2	0.5	-2.1	-2.6
281	Industrial inorganic chemicals	72	0.5	-1.5	-2.0	5.3	1.1	-4.0
282	Plastics materials and synthetics	154	4.9	2.8	-2.0	3.3	2.2	-1.1
283	Drugs	315	0.9	2.9	1.9	-0.5	3.7	4.1
284	Soaps, cleaners, and toilet goods	155	2.7	1.9	-0.8	1.0	1.1	0.0
285	Paints and allied products	52	2.1	0.3	-1.8	1.1	-0.2	-1.3
286	Industrial organic chemicals	120	-0.6	-1.7	-1.2	5.3	1.2	-3.9
287	Agricultural chemicals	51	0.7	-0.1	-0.8	0.6	-0.7	-1.3
289	Miscellaneous chemical products	93	2.1	0.9	-1.1	3.1	3.2	0.1
291	Petroleum refining	85	3.9	1.2	-2.7	6.4	1.6	-4.5
295	Asphalt paving and roofing materials	28	2.6	2.0	-0.6	2.5	2.9	0.3
299	Miscellaneous petroleum and coal products	15	-1.6	0.9	2.6	-1.0	0.6	1.6
301	Tires and inner tubes	79	4.9	4.4	-0.5	2.2	2.0	-0.1
305	Hose and belting and gaskets and packing	74	1.7	4.0	2.3	2.0	3.8	1.8
306	Fabricated rubber products, n.e.c.	108	2.2	3.6	1.4	3.6	2.9	-0.6
308	Miscellaneous plastics products, n.e.c.	744	2.7	5.6	2.7	3.7	4.6	0.8
314	Footwear, except rubber	28	3.0	-3.6	-6.4	4.5	-7.1	-11.1
321	Flat glass	16	3.3	1.7	-1.6	7.1	6.3	-0.7
322	Glass and glassware, pressed or blown	67	2.0	0.2	-1.8	3.3	0.9	-2.2
323	Products of purchased glass	66	2.8	4.0	1.3	5.3	6.5	1.1
324	Cement, hydraulic	18	2.0	2.1	0.1	2.0	2.7	0.7
325	Structural clay products	34	0.6	0.0	-0.5	2.1	1.1	-1.0
326	Pottery and related products	38	2.1	4.1	1.9	2.1	0.9	-1.2
327	Concrete, gypsum, and plaster products	248	0.4	0.6	0.2	0.1	4.4	4.3
329	Miscellaneous nonmetallic mineral products	72	2.5	2.2	-0.2	1.5	0.5	-1.0
331	Blast furnace and basic steel products	225	5.4	3.1	-2.2	2.3	1.4	-0.9
332	Iron and steel foundries	123	1.2	1.9	0.7	3.2	2.2	-1.0
333	Primary nonferrous metals	36	1.7	-1.3	-2.9	0.2	-1.5	-1.7
335	Nonferrous rolling and drawing	176	1.4	1.3	0.0	3.5	4.5	0.9

See footnotes at end of table.

Table 3. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change, 1995-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Manufacturing—Continued							
336	Nonferrous foundries (castings)	94	2.5	4.1	1.5	2.0	3.9	1.9
339	Miscellaneous primary metal products	28	6.0	7.6	1.5	0.3	0.0	-0.2
341	Metal cans and shipping containers	36	4.2	-0.6	-4.6	2.0	1.0	-1.0
342	Cutlery, handtools, and hardware	121	2.7	2.6	-0.1	2.4	1.3	-1.1
343	Plumbing and heating, except electric	60	1.2	0.8	-0.5	3.9	4.9	0.9
344	Fabricated structural metal products	498	1.4	1.8	0.4	1.3	4.8	3.5
346	Metal forgings and stampings	255	2.7	6.0	3.2	3.5	3.7	0.2
347	Metal services, n.e.c.	146	4.1	5.7	1.6	1.2	3.7	2.4
348	Ordnance and accessories, n.e.c.	38	1.3	-6.1	-7.4	1.2	-4.6	-5.7
349	Miscellaneous fabricated metal products	277	1.8	3.4	1.6	0.5	2.4	1.9
351	Engines and turbines	85	2.9	3.1	0.3	6.0	4.9	-1.1
352	Farm and garden machinery	96	2.9	2.1	-0.8	0.7	-0.9	-1.6
353	Construction and related machinery	240	2.7	2.7	0.1	2.7	3.8	1.1
354	Metalworking machinery	330	2.6	3.7	1.1	2.5	1.1	-1.3
355	Special industry machinery	172	4.2	6.3	2.0	5.4	5.1	-0.3
356	General industrial machinery	251	1.4	2.4	0.9	1.7	1.1	-0.6
357	Computer and office equipment	361	27.7	22.6	-4.0	35.8	35.9	0.0
358	Refrigeration and service machinery	212	1.7	5.3	3.6	1.6	2.7	1.0
359	Industrial machinery, n.e.c.	373	5.3	6.7	1.4	0.4	2.5	2.1
361	Electric distribution equipment	85	6.1	2.9	-3.0	1.7	2.2	0.5
362	Electrical industrial apparatus	150	7.0	5.5	-1.4	0.8	-0.1	-0.9
363	Household appliances	116	3.8	3.8	0.0	5.0	3.5	-1.5
364	Electric lighting and wiring equipment	183	2.6	2.0	-0.6	3.5	4.0	0.5
366	Communications equipment	290	10.1	10.3	0.2	17.5	19.2	1.5
367	Electronic components and accessories	682	24.7	25.0	0.3	29.1	33.3	3.3
369	Miscellaneous electrical equipment & supplies	146	4.7	3.9	-0.8	6.5	4.5	-1.9
371	Motor vehicles and equipment	1013	0.8	5.5	4.6	3.6	4.2	0.6
372	Aircraft and parts	465	1.7	-7.2	-8.8	4.2	5.2	1.0
373	Ship and boat building and repairing	166	-1.1	-3.8	-2.7	4.4	4.2	-0.2
374	Railroad equipment	36	1.2	5.0	3.8	7.8	5.7	-2.0
375	Motorcycles, bicycles, and parts	20	5.1	14.4	8.8	-0.2	0.2	0.3
376	Guided missiles, space vehicles, parts	73	0.1	-11.8	-11.9	-0.6	-6.5	-5.9
381	Search and navigation equipment	154	5.8	-5.5	-10.7	1.8	0.7	-1.1
382	Measuring and controlling devices	302	6.6	4.3	-2.1	1.6	2.5	0.9
384	Medical instruments and supplies	288	2.4	3.8	1.4	4.9	6.7	1.8
385	Ophthalmic goods	33	6.7	3.5	-3.0	8.4	7.5	-0.8
386	Photographic equipment & supplies	70	3.7	0.8	-2.8	5.5	1.4	-3.9
391	Jewelry, silverware, and plated ware	49	0.2	-0.4	-0.6	7.7	6.6	-1.0
393	Musical instruments	17	-2.2	1.1	3.3	3.9	6.5	2.4
394	Toys and sporting goods	104	1.0	3.7	2.7	4.3	1.8	-2.4
395	Pens, pencils, office, and art supplies	31	2.7	1.0	-1.7	-1.6	-2.6	-1.0
396	Costume jewelry and notions	19	6.4	0.6	-5.4	0.2	-6.2	-6.4
399	Miscellaneous manufactures	175	0.3	2.1	1.8	1.4	4.0	2.6

See footnotes at end of table.

Table 3. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change, 1995-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Transportation							
4011	Railroad transportation	194	5.7	3.3	-2.3	4.6	2.0	-2.5
4213	Trucking, except local	917	2.5	4.3	1.8	0.9	3.0	2.0
43	United States Postal Service ⁴	860	0.5	1.4	1.0	1.3	2.4	1.1
4512,13, 22(PTS)	Air transportation	740	3.2	3.9	0.7	0.4	4.9	4.5
	Communications and Utilities							
481	Telephone communications	1134	5.5	5.5	-0.1	6.3	11.3	4.7
483	Radio and television broadcasting	255	0.9	1.1	0.2	0.0	2.2	2.2
484	Cable and other pay television services	216	-1.8	3.0	4.9	0.7	8.2	7.4
491,3(PT)	Electric utilities	471	-6.0	-7.7	-1.8	16.0	12.4	-3.1
492,3(PT)	Gas utilities	166	5.3	2.9	-2.3	3.2	1.1	-2.1
	Retail Trade							
	Retail trade	24507	1.6	2.8	1.2	3.2	5.0	1.7
52	Building materials, hardware, garden supply, and mobile homes	1050	3.3	5.0	1.6	4.1	6.9	2.7
521	Lumber and other building materials dealers	642	2.5	5.4	2.9	4.1	8.5	4.2
523	Paint, glass, and wallpaper stores	70	4.2	2.3	-1.8	5.4	5.2	-0.1
525	Hardware stores	178	0.0	1.0	1.0	4.7	2.9	-1.8
526	Retail nurseries, lawn and garden supply stores	112	6.7	5.3	-1.3	5.7	8.0	2.3
53	General merchandise stores	2843	4.1	6.2	2.0	6.4	7.1	0.6
531	Department stores	2491	3.7	6.6	2.8	6.7	7.5	0.7
533	Variety stores	160	6.6	2.6	-3.7	9.3	10.8	1.4
539	Miscellaneous general merchandise stores	193	7.1	5.4	-1.6	6.0	4.6	-1.4
54	Food stores	3639	-0.8	-0.2	0.6	0.5	1.2	0.7
541	Grocery stores	3179	-0.6	-0.1	0.4	0.5	1.1	0.7
542	Meat and fish (seafood) markets	57	-0.9	-2.5	-1.6	3.1	3.7	0.5
546	Retail bakeries	214	-1.9	0.1	2.0	1.3	2.8	1.5
55	Automotive dealers and gasoline service stations	2508	1.8	2.0	0.1	1.9	3.6	1.7
551	New and used car dealers	1114	0.3	1.6	1.3	0.8	3.1	2.3
553	Auto and home supply stores	428	1.0	1.8	0.7	1.8	4.1	2.2
554	Gasoline service stations	671	4.3	2.3	-1.9	1.8	1.4	-0.4
56	Apparel and accessory stores	1243	5.4	3.5	-1.8	5.5	6.3	0.8
561	Men's and boys' wear stores	86	1.0	-2.3	-3.2	6.3	4.4	-1.8
562	Women's clothing stores	293	5.6	0.7	-4.6	8.0	4.8	-3.0
565	Family clothing stores	456	5.6	7.5	1.8	2.5	8.2	5.6
566	Shoe stores	204	5.2	1.3	-3.7	2.9	3.2	0.4
57	Furniture, home furnishings, and equipment stores	1239	6.0	7.7	1.6	8.1	11.0	2.7
571	Furniture and homefurnishings stores	649	2.3	2.8	0.4	3.7	6.3	2.5
572	Household appliance stores	79	5.9	3.1	-2.6	8.4	6.5	-1.8
573	Radio, television, computer, and music stores	510	10.4	15.5	4.6	12.7	17.0	3.9

See footnotes at end of table.

Table 3. Annual percent change in output per hour and related series: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change, 1995-2000		
			Output per hour ²	Output	Employee hours ³	Output per hour ²	Output	Employee hours ³
	Retail Trade—Continued							
58	Eating and drinking places ⁵	8338	-0.5	1.5	2.0	1.0	3.3	2.3
59	Miscellaneous merchandise stores	3647	2.5	3.6	1.0	6.1	7.9	1.8
591	Drug and proprietary stores	685	0.9	0.8	-0.1	4.3	6.2	1.9
592	Liquor stores	139	-0.2	-2.6	-2.3	4.1	3.8	-0.2
593	Used merchandise stores	209	3.2	7.7	4.4	12.4	16.3	3.4
594	Miscellaneous shopping goods stores	1254	2.8	3.8	1.0	4.1	6.5	2.3
596	Nonstore retailers	576	6.5	9.2	2.5	11.5	13.4	1.6
598	Fuel dealers	98	5.6	3.7	-1.9	1.0	-0.6	-1.6
599	Retail stores, n.e.c.	686	2.1	3.8	1.6	5.8	7.2	1.3
	Finance and Services							
602	Commercial banks	1430	3.2	1.9	-1.3	2.5	2.1	-0.4
701	Hotels and motels	1874	2.8	3.1	0.3	0.7	3.5	2.8
72	Personal services	1847	0.8	1.4	0.7	1.5	2.9	1.3
721	Laundry, cleaning, and garment services	518	0.8	0.8	0.0	3.0	2.8	-0.1
722	Photographic studios, portrait	86	3.4	5.5	2.0	-0.7	1.5	2.2
723	Beauty shops	759	1.4	2.6	1.2	1.8	3.2	1.3
724	Barber shops	62	2.8	-0.7	-3.4	2.4	1.6	-0.7
726	Funeral services and crematories	107	1.9	1.4	-0.5	-1.3	-0.6	0.7
753	Automotive repair shops	917	2.4	3.0	0.6	1.1	3.0	1.9
783	Motion picture theaters	139	-2.3	-1.4	1.0	1.3	4.8	3.4

¹ Employment figures are based primarily on data from the BLS Current Employment Statistics (CES) program and the Current Population Survey (CPS). Other sources are: the Association of American Railroads, the Department of Transportation, and the U.S. Postal Service.

² Output per employee hour is measured in mining, manufacturing, transportation, communications, and SICs 531, 551, 602, and 783. Output per hour of all persons is used for all other trade and services industries. All persons include self-employed and unpaid family workers as well as employees. In SICs 4213 and 4512,13,22(pts), output per employee hour is based on output per employee with the assumption of constant average weekly hours.

³ Employee hours are measured in mining, manufacturing, transportation, communications, and SICs 531, 551, 602, and 783. Hours of all persons are used for all other trade and services industries. All persons includes self-employed and unpaid family workers as well as employees. In SICs 4213 and 4512,13,22(pts), employee hours are based on employees with the assumption of constant average weekly hours.

⁴ The United States Postal Service, SIC 43, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 431, and the four-digit SIC Industry Number, SIC 4311. Employee hours in SIC 43 are based on the number of full-time equivalent (FTE) employee years, as reported in the U.S. Postal Service budget. FTE employee years are computed by dividing total hours of full-time, part-time, and intermittent workers by the number of hours in a standard work year. The output and hours for SIC 43 reflect the Federal fiscal year.

⁵ Eating and drinking places, SIC 58, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 581.

Table 4. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change 1995-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Mining							
102	Copper ores	11	6.6	2.9	3.6	-5.5	-4.9	-0.7
104	Gold and silver ores	12	2.0	1.0	1.0	-2.4	2.1	-4.4
12	Coal mining	77	-4.1	-0.9	-3.2	-3.4	-0.4	-3.0
122	Bituminous coal and lignite mining	72	-3.8	-1.0	-2.9	-3.3	-0.4	-2.8
13	Oil and gas extraction	311	1.3	-0.7	2.1	6.1	-0.8	7.0
131	Crude petroleum and natural gas	125	1.0	-0.7	1.7	4.4	-0.8	5.1
14	Nonmetallic minerals, except fuels	114	2.7	0.1	2.5	4.7	1.2	3.5
142	Crushed and broken stone	45	3.1	0.8	2.3	6.3	2.0	4.2
	Manufacturing							
201	Meat products	504	5.0	3.6	1.3	5.2	1.8	3.3
202	Dairy products	146	2.6	1.0	1.5	2.8	-0.6	3.4
203	Preserved fruits and vegetables	220	3.3	2.3	0.9	2.2	0.9	1.3
204	Grain mill products	124	2.9	2.1	0.8	2.3	1.4	0.9
205	Bakery products	204	3.5	0.9	2.5	4.1	1.4	2.6
206	Sugar and confectionery products	92	2.6	1.0	1.6	2.4	2.8	-0.3
207	Fats and oils	28	1.0	0.4	0.5	2.8	1.2	1.6
208	Beverages	187	1.9	1.8	0.0	3.7	1.3	2.5
209	Miscellaneous food and kindred products	180	3.0	0.9	2.0	3.0	1.4	1.5
211	Cigarettes	23	0.2	1.0	-0.7	-1.0	-3.4	2.5
221	Broadwoven fabric mills, cotton	62	2.6	3.2	-0.5	-4.2	-3.9	-0.4
222	Broadwoven fabric mills, manmade	55	2.7	3.5	-0.7	-1.5	-1.7	0.2
224	Narrow fabric mills	20	4.9	3.2	1.6	1.8	-2.6	4.6
225	Knitting mills	126	2.8	4.6	-1.7	-4.5	-6.5	2.1
226	Textile finishing, except wool	58	5.5	1.8	3.7	-0.3	0.0	-0.3
227	Carpets and rugs	66	4.7	1.2	3.4	0.9	2.7	-1.8
228	Yarn and thread mills	81	1.4	3.3	-1.8	-0.1	0.0	-0.1
229	Miscellaneous textile goods	54	6.2	3.2	3.0	2.0	1.9	0.1
232	Men's and boys' furnishings	131	1.1	2.2	-1.1	-6.2	-3.0	-3.3
233	Women's and misses' outerwear	185	2.1	2.5	-0.4	-6.1	-1.0	-5.2
234	Women's and children's undergarments	21	-1.0	3.8	-4.6	-11.3	-2.2	-9.3
235	Hats, caps, and millinery	15	6.2	3.2	2.9	0.3	-0.8	1.1
238	Miscellaneous apparel and accessories	30	-0.5	1.0	-1.5	-2.1	-4.9	2.9
239	Miscellaneous fabricated textile products	215	5.8	3.6	2.1	4.6	3.6	1.0
242	Sawmills and planing mills	185	3.8	1.0	2.8	3.2	2.4	0.8
243	Millwork, plywood, and structural members	335	4.7	0.6	4.1	6.3	4.0	2.2
244	Wood containers	59	6.3	1.4	4.9	4.9	3.1	1.7
245	Wood buildings and mobile homes	91	8.8	5.9	2.7	5.5	-0.3	5.8
249	Miscellaneous wood products	83	3.4	2.1	1.3	4.7	3.9	0.8
251	Household furniture	293	3.1	1.7	1.4	4.1	3.2	0.9
252	Office furniture	79	1.8	0.0	1.8	5.4	7.3	-1.8
253	Public building and related furniture	59	12.3	13.7	-1.3	6.6	9.0	-2.2
254	Partitions and fixtures	91	4.7	3.4	1.3	9.0	6.6	2.3

See footnotes at end of table.

Table 4. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change 1995-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Manufacturing—Continued							
259	Miscellaneous furniture and fixtures	43	4.0	1.5	2.5	4.5	2.6	1.9
261	Pulp mills	13	0.7	1.1	-0.4	-9.6	-9.6	0.0
262	Paper mills	139	2.0	1.2	0.8	-1.0	-1.4	0.4
263	Paperboard mills	47	4.9	2.9	1.9	1.1	-0.5	1.6
265	Paperboard containers and boxes	218	4.4	1.8	2.6	3.2	1.4	1.8
267	Miscellaneous converted paper products	240	3.5	2.4	1.1	3.6	2.0	1.6
271	Newspapers	442	1.2	-3.9	5.3	4.0	2.2	1.8
272	Periodicals	149	4.1	-1.2	5.4	12.7	7.4	4.9
273	Books	126	5.4	1.8	3.6	4.1	1.3	2.8
274	Miscellaneous publishing	95	1.9	1.2	0.6	15.2	8.1	6.6
275	Commercial printing	560	3.3	1.5	1.8	3.8	1.9	1.9
276	Manifold business forms	43	-1.5	-5.8	4.5	-0.3	-3.6	3.4
277	Greeting cards	25	-0.9	-1.1	0.2	0.9	0.9	0.0
278	Blankbooks and bookbinding	60	2.6	1.6	1.0	0.8	0.1	0.7
279	Printing trade services	47	0.7	0.0	0.7	-1.5	-2.1	0.7
281	Industrial inorganic chemicals	72	-0.7	-1.5	0.9	1.7	1.1	0.6
282	Plastics materials and synthetics	154	3.3	2.8	0.5	-0.1	2.2	-2.2
283	Drugs	315	5.7	2.9	2.7	6.2	3.7	2.4
284	Soaps, cleaners, and toilet goods	155	2.3	1.9	0.3	1.9	1.1	0.9
285	Paints and allied products	52	4.4	0.3	4.1	1.9	-0.2	2.2
286	Industrial organic chemicals	120	3.5	-1.7	5.3	2.0	1.2	0.8
287	Agricultural chemicals	51	2.0	-0.1	2.1	0.8	-0.7	1.5
289	Miscellaneous chemical products	93	2.5	0.9	1.6	3.9	3.2	0.6
291	Petroleum refining	85	4.0	1.2	2.8	0.6	1.6	-0.9
295	Asphalt paving and roofing materials	28	2.8	2.0	0.8	1.5	2.9	-1.3
299	Miscellaneous petroleum and coal products	15	4.2	0.9	3.3	1.0	0.6	0.5
301	Tires and inner tubes	79	4.4	4.4	0.0	2.1	2.0	0.1
305	Hose and belting and gaskets and packing	74	4.7	4.0	0.6	5.4	3.8	1.5
306	Fabricated rubber products, n.e.c.	108	4.0	3.6	0.4	3.5	2.9	0.6
308	Miscellaneous plastics products, n.e.c.	744	5.9	5.6	0.3	5.1	4.6	0.5
314	Footwear, except rubber	28	-3.1	-3.6	0.5	-6.5	-7.1	0.6
321	Flat glass	16	0.0	1.7	-1.7	1.4	6.3	-4.6
322	Glass and glassware, pressed or blown	67	1.0	0.2	0.9	0.8	0.9	-0.2
323	Products of purchased glass	66	5.6	4.0	1.5	5.4	6.5	-1.0
324	Cement, hydraulic	18	2.4	2.1	0.2	4.4	2.7	1.7
325	Structural clay products	34	1.6	0.0	1.6	1.7	1.1	0.6
326	Pottery and related products	38	4.9	4.1	0.8	0.4	0.9	-0.4
327	Concrete, gypsum, and plaster products	248	3.1	0.6	2.5	7.1	4.4	2.6
329	Miscellaneous nonmetallic mineral products	72	3.2	2.2	0.9	2.3	0.5	1.8
331	Blast furnace and basic steel products	225	1.6	3.1	-1.4	0.2	1.4	-1.3
332	Iron and steel foundries	123	2.2	1.9	0.3	2.5	2.2	0.3
333	Primary nonferrous metals	36	0.1	-1.3	1.4	-2.0	-1.5	-0.5
335	Nonferrous rolling and drawing	176	2.7	1.3	1.3	3.5	4.5	-0.9

See footnotes at end of table.

Table 4. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change 1995-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Manufacturing—Continued							
336	Nonferrous foundries (castings)	94	4.7	4.1	0.6	3.4	3.9	-0.5
339	Miscellaneous primary metal products	28	2.0	7.6	-5.2	4.5	0.0	4.4
341	Metal cans and shipping containers	36	-1.8	-0.6	-1.2	-0.7	1.0	-1.7
342	Cutlery, handtools, and hardware	121	3.3	2.6	0.7	2.0	1.3	0.7
343	Plumbing and heating, except electric	60	3.4	0.8	2.6	5.2	4.9	0.3
344	Fabricated structural metal products	498	2.3	1.8	0.5	6.7	4.8	1.8
346	Metal forgings and stampings	255	4.0	6.0	-1.9	3.2	3.7	-0.5
347	Metal services, n.e.c.	146	5.2	5.7	-0.5	4.7	3.7	1.0
348	Ordnance and accessories, n.e.c.	38	-7.6	-6.1	-1.6	-3.2	-4.6	1.4
349	Miscellaneous fabricated metal products	277	4.6	3.4	1.1	3.6	2.4	1.3
351	Engines and turbines	85	1.9	3.1	-1.2	1.3	4.9	-3.4
352	Farm and garden machinery	96	3.0	2.1	0.9	1.8	-0.9	2.7
353	Construction and related machinery	240	1.9	2.7	-0.8	4.7	3.8	0.9
354	Metalworking machinery	330	4.2	3.7	0.5	2.7	1.1	1.6
355	Special industry machinery	172	5.9	6.3	-0.4	4.0	5.1	-1.0
356	General industrial machinery	251	3.5	2.4	1.1	2.9	1.1	1.7
357	Computer and office equipment	361	-0.1	22.6	-18.5	1.5	35.9	-25.3
358	Refrigeration and service machinery	212	4.5	5.3	-0.8	3.8	2.7	1.1
359	Industrial machinery, n.e.c.	373	6.7	6.7	0.0	3.0	2.5	0.5
361	Electric distribution equipment	85	4.2	2.9	1.3	1.2	2.2	-1.0
362	Electrical industrial apparatus	150	4.4	5.5	-1.0	0.9	-0.1	1.0
363	Household appliances	116	4.1	3.8	0.3	3.3	3.5	-0.2
364	Electric lighting and wiring equipment	183	2.7	2.0	0.7	3.0	4.0	-1.0
366	Communications equipment	290	2.8	10.3	-6.9	9.9	19.2	-7.8
367	Electronic components and accessories	682	5.4	25.0	-15.7	6.1	33.3	-20.4
369	Miscellaneous electrical equipment & supplies	146	1.8	3.9	-2.0	3.4	4.5	-1.1
371	Motor vehicles and equipment	1013	6.3	5.5	0.8	3.2	4.2	-1.0
372	Aircraft and parts	465	-4.7	-7.2	2.8	2.8	5.2	-2.3
373	Ship and boat building and repairing	166	-1.2	-3.8	2.7	2.6	4.2	-1.5
374	Railroad equipment	36	3.7	5.0	-1.2	4.9	5.7	-0.7
375	Motorcycles, bicycles, and parts	20	20.7	14.4	5.5	4.3	0.2	4.1
376	Guided missiles, space vehicles, parts	73	-10.5	-11.8	1.5	-4.5	-6.5	2.1
381	Search and navigation equipment	154	-4.6	-5.5	0.9	0.3	0.7	-0.4
382	Measuring and controlling devices	302	2.5	4.3	-1.7	3.2	2.5	0.7
384	Medical instruments and supplies	288	6.2	3.8	2.2	5.2	6.7	-1.5
385	Ophthalmic goods	33	2.6	3.5	-0.8	4.1	7.5	-3.2
386	Photographic equipment & supplies	70	-0.3	0.8	-1.1	-1.9	1.4	-3.3
391	Jewelry, silverware, and plated ware	49	-0.4	-0.4	0.0	5.9	6.6	-0.7
393	Musical instruments	17	5.4	1.1	4.3	8.1	6.5	1.5
394	Toys and sporting goods	104	5.4	3.7	1.7	1.9	1.8	0.1
395	Pens, pencils, office, and art supplies	31	4.0	1.0	2.9	-1.2	-2.6	1.4
396	Costume jewelry and notions	19	2.2	0.6	1.6	-2.1	-6.2	4.4
399	Miscellaneous manufactures	175	4.1	2.1	2.0	4.6	4.0	0.5

See footnotes at end of table.

Table 4. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change 1995-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Transportation							
4011	Railroad transportation	194	0.2	3.3	-3.0	0.9	2.0	-1.1
4213	Trucking, except local	917	4.6	4.3	0.3	5.5	3.0	2.4
43	United States Postal Service ²	860	4.8	1.4	3.3	3.4	2.4	1.0
4512,13, 22(PTS)	Air transportation	740	3.8	3.9	-0.1	6.6	4.9	1.7
	Communications and Utilities							
481	Telephone communications	1134	4.2	5.5	-1.2	10.8	11.3	-0.5
483	Radio and television broadcasting	255	3.8	1.1	2.6	7.5	2.2	5.2
484	Cable and other pay television services	216	10.7	3.0	7.5	13.5	8.2	4.9
491,3(PT)	Electric utilities	471	2.6	-7.7	11.1	2.7	12.4	-8.7
492,3(PT)	Gas utilities	166	2.2	2.9	-0.7	4.0	1.1	2.9
	Retail Trade							
	Retail trade	24507	4.1	2.8	1.3	6.2	5.0	1.1
52	Building materials, hardware, garden supply, and mobile homes	1050	4.8	5.0	-0.2	7.3	6.9	0.3
521	Lumber and other building materials dealers	642	5.7	5.4	0.2	8.9	8.5	0.3
523	Paint, glass, and wallpaper stores	70	1.1	2.3	-1.2	4.0	5.2	-1.1
525	Hardware stores	178	3.7	1.0	2.7	3.1	2.9	0.2
526	Retail nurseries, lawn and garden supply stores	112	1.8	5.3	-3.3	6.1	8.0	-1.8
53	General merchandise stores	2843	3.9	6.2	-2.2	5.4	7.1	-1.6
531	Department stores	2491	4.5	6.6	-2.0	5.7	7.5	-1.6
533	Variety stores	160	-1.5	2.6	-4.0	3.2	10.8	-6.9
539	Miscellaneous general merchandise stores	193	0.9	5.4	-4.3	2.1	4.6	-2.4
54	Food stores	3639	3.1	-0.2	3.3	3.7	1.2	2.5
541	Grocery stores	3179	2.9	-0.1	3.0	3.6	1.1	2.5
542	Meat and fish (seafood) markets	57	0.3	-2.5	2.9	1.9	3.7	-1.7
546	Retail bakeries	214	5.3	0.1	5.2	5.0	2.8	2.2
55	Automotive dealers and gasoline service stations	2508	4.7	2.0	2.7	5.9	3.6	2.2
551	New and used car dealers	1114	5.9	1.6	4.2	6.4	3.1	3.2
553	Auto and home supply stores	428	3.6	1.8	1.8	5.2	4.1	1.1
554	Gasoline service stations	671	1.8	2.3	-0.5	2.8	1.4	1.4
56	Apparel and accessory stores	1243	1.7	3.5	-1.7	5.6	6.3	-0.7
561	Men's and boys' wear stores	86	-1.4	-2.3	0.8	2.7	4.4	-1.7
562	Women's clothing stores	293	-1.3	0.7	-2.0	2.5	4.8	-2.1
565	Family clothing stores	456	5.5	7.5	-1.9	10.4	8.2	2.1
566	Shoe stores	204	0.9	1.3	-0.4	4.1	3.2	0.8
57	Furniture, home furnishings, and equipment stores	1239	4.3	7.7	-3.2	8.9	11.0	-1.9
571	Furniture and homefurnishings stores	649	3.3	2.8	0.5	7.2	6.3	0.8
572	Household appliance stores	79	-1.6	3.1	-4.6	1.8	6.5	-4.4
573	Radio, television, computer, and music stores	510	7.4	15.5	-7.0	12.2	17.0	-4.1

See footnotes at end of table.

Table 4. Annual percent change in total compensation, output, and unit labor costs: mining, manufacturing, and service-producing industries, 1990-95 and 1995-2000—Continued

SIC code	Industry	2000 Employment ¹ (thousands)	Annual percent change, 1990-95			Annual percent change 1995-2000		
			Total compensation	Output	Unit labor costs	Total compensation	Output	Unit labor costs
	Retail Trade—Continued							
58	Eating and drinking places ³	8338	4.9	1.5	3.4	6.8	3.3	3.3
59	Miscellaneous merchandise stores	3647	4.3	3.6	0.7	7.1	7.9	-0.8
591	Drug and proprietary stores	685	4.1	0.8	3.2	6.8	6.2	0.6
592	Liquor stores	139	1.4	-2.6	4.1	3.9	3.8	0.1
593	Used merchandise stores	209	7.6	7.7	-0.1	7.3	16.3	-7.7
594	Miscellaneous shopping goods stores	1254	3.9	3.8	0.1	6.7	6.5	0.2
596	Nonstore retailers	576	6.8	9.2	-2.2	10.5	13.4	-2.5
598	Fuel dealers	98	0.7	3.7	-2.8	3.1	-0.6	3.7
599	Retail stores, n.e.c.	686	4.0	3.8	0.2	5.7	7.2	-1.3
	Finance and Services							
602	Commercial banks	1430	4.2	1.9	2.3	6.9	2.1	4.7
701	Hotels and motels	1874	4.0	3.1	0.9	7.4	3.5	3.8
72	Personal services	1847	3.9	1.4	2.4	5.7	2.9	2.8
721	Laundry, cleaning, and garment services	518	2.8	0.8	2.0	4.2	2.8	1.3
722	Photographic studios, portrait	86	5.1	5.5	-0.4	4.4	1.5	2.9
723	Beauty shops	759	5.1	2.6	2.4	6.5	3.2	3.2
724	Barber shops	62	-1.5	-0.7	-0.8	2.1	1.6	0.5
726	Funeral services and crematories	107	4.5	1.4	3.0	3.7	-0.6	4.3
753	Automotive repair shops	917	3.4	3.0	0.3	6.1	3.0	3.0
783	Motion picture theaters	139	2.2	-1.4	3.6	5.5	4.8	0.6

¹ Employment figures are based primarily on data from the BLS Current Employment Statistics (CES) program and the Current Population Survey (CPS). Other sources are: the Association of American Railroads, the Department of Transportation, and the U.S. Postal Service.

² The United States Postal Service, SIC 43, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 431, and the four-digit SIC Industry Number, SIC 4311.

³ Eating and drinking places, SIC 58, is also designated in the Standard Industrial Classification Manual and is identical to the three-digit SIC Group Number, SIC 581.